

Title (en)

Cosmetic composition comprising at least two dyes whereof at least one is photochromic

Title (de)

Kosmetische Zusammensetzung enthaltend mindestens zwei Farbstoffe wobei mindestens einer derselben Photochromizität aufweist

Title (fr)

Composition cosmétique associant au moins deux matières colorantes dont au moins une matière colorante photochrome

Publication

EP 1410786 B1 20080102 (FR)

Application

EP 03292570 A 20031015

Priority

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- FR 0213036 A 20021018

Abstract (en)

[origin: EP1410786A1] Cosmetic composition (A) comprises, in physiologically acceptable medium, at least two dyes, at least one being a photochromic naphthopyran derivative (A1) having a color difference (DELTA E) at least 5, after exposure to UV light. Cosmetic composition (A) comprises, in physiologically acceptable medium, at least two dyes, at least one being a photochromic naphthopyran derivative (A1), of formulae (I) or (II), having a color difference (DELTA E) at least 5, after exposure to UV light. R1 = hydrogen, Hy (optionally (per)halogenated), a hydrocarbyl ring formed with one of the bonds f, g, h and group R7, or COOR4, CONR2R3, NR2R3, OR4 or SR4; R5 and R6 = saturated or unsaturated cyclic aminoaryl groups, indolinoaryl groups, or a 1-30, best 3-12, C hydrocarbyl group (Hy), linear, branched, cyclic, saturated or unsaturated, optionally containing 1-5 heteroatoms (nitrogen, oxygen, sulfur, silicon or phosphorus), particularly phenyl substituted by CONR2R3, NR2R3 or OR4; or any of formulae (IIa), (IIb), (III), (IV), (Va)-(Vc); X = completes a saturated ring of 3-30 atoms, best 5-7, including the nitrogen, with the others being C and/or heteroatoms (oxygen, sulfur, silicon or phosphorus and/or NH or NR); R = Hy; R' = Hy or hydrogen; m and p = 2-5; R8 and R9 = Hy (optionally (per)halogenated), halo, cyano, carboxy, nitro, hydrogen, CONR2R3, NR2R3, OR4 or SR4; R10 and R11 = Hy (optionally (per)halogenated), halo, cyano, carboxy, nitro, hydrogen, CONR2R3, NR2R3, OR4 or SR4, or together they complete a saturated or unsaturated hydrocarbon ring of 5-8 atoms (including the indoline ring), i.e. C, O, S and/or NR'; R1' = hydrogen, Hy (optionally (per)halogenated), CONR2R3, NR2R3, OR4 or SR4; R2' = Hy (optionally (per)halogenated), halo, cyano, carboxy, nitro, azo, imino, aminocarbonyl, hydrogen, CONR2R3, NR2R3, OR4 or SR4; R7 = Hy (optionally (per)halogenated), halo, cyano, carboxy, nitro, azo, imino, aminocarbonyl, hydrogen, CONR2R3, NR2R3, OR4 or SR4, or R7 together with one of bonds i, j, k or g, h, together with R1, or bond f, together with R1, forms a 3-8, best 5 or 6, C hydrocarbyl ring, optionally containing 1-5 heteroatoms; R2 and R3 = Hy or together they complete a heterocycle containing 3-10, preferably 4-6 C atoms and optionally 1-5 additional heteroatoms, and optionally substituted by Hy; R4 = Hy, optionally (per)halogenated, preferably by fluoro, bromo and/or chloro

IPC 8 full level

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- EP 0973761 B1 20020703 - JAMES ROBINSON LTD [GB]
- EP 0970689 A2 20000112 - OREAL [FR]

Cited by

GB2581234A; FR2903893A1; US9609934B2; WO2011121527A2; WO2008078025A3; US9649261B2; EP3292856A1

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